BENGALURU SOLID WASTE MANAGEMENT LIMITED

TENDER DOCUMENT – KW4

(WORKS COSTING MORE THAN Rs.100 LAKHS)

Name of Work: - Construction of New Public Toilets and up gradation of existing Public Toilets in East and Yelahanka Zone.

Estimate Cost Rs.1000.00 Lakhs

Office of the Deputy General Manager-4,
Bengaluru Solid Waste Management Limited,
1st Floor, BSWML Building, Thimmaiah Road,
Vasanth Nagar, Bengaluru-560052

BENGALURU SOLID WASTE MANAGEMENT LIMITED

Office of the Deputy General Manager-4, 1st Floor, BSWML Building, Thimmaiah Road, Vasanth Nagar, Bengaluru-560052. Email:dgm4bswml25@gmail.com

TENDERS FOR THE WORK OF

Construction of New Public Toilets and up gradation of existing Public Toilets in East and Yelahanka Zone.

TENDER REFERENCE	:	DGM-4/ BSWML/ Tend/ 08/ 2025-26 Date: 26.03.2026
DOWNLOADING OF TENDER DOCUMENT	:	30.03.2026
LAST DATE AND TIME FOR SUBMISSION OF TENDERS	:	15.04.2026 16.00 Hrs
TIME AND DATE OF OPENING OF TECHNICAL BID OF TENDERS	:	16.04.2026 16.30 Hrs
PLACE OF OPENING OF TECHNICAL BID	:	Office of the Deputy General Manager-4, 1st Floor, BSWML Building, Thimmaiah Road, Vasanth Nagar, Bengaluru-560052
TIME AND DATE OF OPENING OF FINANCIAL BID	:	Will be intimated to the Qualified Tenderers
PLACE OF OPENING OF FINANCIAL BID	:	Will be intimated to the Qualified Tenderers
ADDRESS FOR COMMUNICATION	:	Office of the Deputy General Manager-4, 1st Floor, BSWML Building, Thimmaiah Road Vasanth Nagar, Bengaluru-560052
EMAIL	:	dgm4bswml25@gmail.com

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BENGALURU SOLID WASTE MANAGEMENT LIMITED

Office of the Deputy General Manager-4, 1st Floor, BSWML Building, Thimmaiah Road, Vasanth Nagar, Bengaluru-560052. Email:dgm4bswml25@gmail.com

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No. DGM-4/ BSWML/ Tend/ 08/ 2025-26 **Date:** 26.03.2026

INVITATION FOR SHORT TERM TENDER (IFT)
(Through GOK KPPP only)

1. The Deputy General Manager-4, Bengaluru Solid Waste Management Limited on behalf of the Managing Director, BSWML, Bengaluru invites fresh proposals from eligible bidders for the works detailed in the table below. The Bidders may submit tenders for works given in the table through KPPP portal of the Government of Karnataka (viz. https://kppp.karnataka.gov.in) The Bidders are advised to note the minimum qualification criteria specified in Clause 3 of the instructions to bidders to qualify for award of the contract.
2. Tender documents may be downloaded from the KPP portal of the Government of Karnataka from 30.03.2026
3. Other details can be seen in the tender documents.

Sl No.	Name of the work	Estimated amount including GST (Rs. in lakhs)	EMD Amount (in Rs)	Cost of Tender Document	Contract completion period
1	Construction of New Public Toilets and up gradation of existing Public Toilets in East and yelahanka Zone.	929.41	Rs.13,94,116/-	As per KPPP portal	..... Months

Calendar of events:

1. Last Date for receipt of Tenders is 15.04.2026 upto 4.00 p.m.
2. Last date for uploading queries on KPP portal 07.04.2026 upto 4.00 p.m.
3. Pre-Bid Meeting under the Chairmanship of Chief Engineer & Chief General Manager (tech), BSWML on 07.04.2026 at 3:30 p.m at Meeting Hall, BBMP Building, Thimmaiah Road, Vasanth Nagar, Bengaluru - 52.
4. Date of Opening of Technical bids are on 16.04.2026 by 4.30 p.m. or next working day.
5. Opening of financial bids will be intimated to technically qualified bidders.

Terms and Conditions:

1. The Employer shall not be liable for any delays due to system failure beyond its control. Even though the system will attempt to notify the Tenderers of any tender updates, the Employer shall not be liable for any information not received by the Tenderers. It is the Tenderers responsibility to verify the KPP portal for the latest information related to the tender, E-mail address of the Helpdesk is hphelpdesk.blr@intarvo.com. KPP portal help desk telephone numbers are: 080-22371090/22373788. The tenderer is required to ensure browser capability of the computer well in advance to the last date and time for receipt of the tenders.
2. The employer shall not be responsible for non-accessibility of KPPP portal due to internet connectivity issues and technical glitches.
3. Any corrigendum/addendum will be published in the KPPP portal only.

Sd/-
Deputy General Manager-4
BSWML

Copy Submitted to the:

1. Hon'ble Chairman, BSWML & ACS, UDD for kind information.
2. Hon'ble Managing Director, BSWML/Chief Commissioner, GBA for kind information.
3. Chief Executive Officer, BSWML /Special Commissioner, H&S, GBA for kind information.
4. Chief Operational Officer BSWML, for kind information.
5. Chief Financial officer BSWML /CAO, GBA for kind information.
6. Chief Engineer & Chief General Manager (Tech) BSWML, GBA for kind information.
7. Assistant Manager / Assistant General Manager, BSWML for kind necessary action.
8. Office Copy.

SECTION 2: INSTRUCTIONS TO TENDERERS (ITT)

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A. General

1. Scope of Tender

1.1 **The Deputy General Manager-4, Bengaluru Solid Waste Management Limited, BSWML** (Referred to as Employer in these documents) invites tenders following Two Cover tender procedure, from eligible Tenderers, for "**Construction of New Public Toilets and up gradation of existing Public Toilets in East and Yelahanka Zone" Pre-Cast type** is detailed in the Table given in the Invitation for Tenders (IFT). The Tenderers may submit tenders for any or all of the works detailed in the table given in IFT.

2. Eligible Tenderers

2.1 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Karnataka / BSWML

2.2 **Tenders from Joint ventures are not acceptable.**

3. Qualification of the Tenderer:

3.1 All Tenderers shall provide the requested information accurately and in sufficient detail in Section 3: Qualification information.

3.2 To qualify for award of this contract, each Tenderer in its name should have in the last five years (i.e. 2020-21 to 2024-25)

(a) achieved in at least two financial years a minimum financial turnover (in all classes of civil engineering construction works only) of **Rs.1858.82 lakhs** *(usually not less than two times the estimated annual payments under this contract)*

(b) Satisfactorily completed (at least 50% of the contract value), as prime contractor, at least one similar work such as construction of Pre-cast Building/ Toilet units of value not less than **Rs. 464.705** Lakhs.

(c) executed in any one year, the following minimum quantities of work:[1]

Sl. No	Description	Unit	Quantity
1	Earthwork excavation	Cum	2441.28
2	PCC/RCC	Cum	422.40
3	M35 Grade solid precast concrete	Cum	667.44
4	TMT Steel	Tonne	42.64
5	Tubular Steel (round, square or rectangular hollow tubes etc.) trusses	Kgs	1,04,810
6	Vitrified/Glazed Tiles	Sqm	3290

Note:-Certified contractor's copies shall be uploaded (Work done certificate duly signed by the concern officer not below the rank of Executive Engineer)

3.3 Each Tenderer should further demonstrate:

(a) Availability by owning at least 50% of the required / specified key and critical equipment for this work and the remaining 50% can be deployed on lease / hire basis for all works provided the relevant documents (commitment agreements etc.) for availability for this work are furnished.

Sl No	Description of equipment	Qty
1	Excavator/JCB	01No
2	Tippers	02Nos
3	Concrete Mixer	01No
4	Crane of Min. 10 Ton Capacity	01 No
5	Pre-cast yard	01 No

(b) liquid assets and /or availability of credit facilities of not less than **Rs.278.82 Lakhs** (Credit lines/ letter of credit/ certificates from banks for meeting the fund requirement etc. (usually the equivalent of the estimated cash flow for three months in the peak construction period)

3.4 To qualify for a package of contracts made up of this and other contracts for which tenders are invited in this IFT, the Tenderer must demonstrate having experience and resources to meet the aggregate of the qualifying criteria for the individual contracts.

3.5 Sub-contractors' experience and resources shall not be taken into account in determining the Tenderer's compliance with the qualifying criteria except to the extent stated in 3.2 (d) and (e) above.

3.6 Tenderers who meet the above specified minimum qualifying criteria, will only be qualified, if their available tender capacity is more than the total tender value. The available tender capacity will be calculated as under:

Assessed available tender capacity = (A*N*1.5 -B)

Where

A = Maximum value of civil engineering works executed in any one year during the last five years *(updated to* **2024-2025** *price level)* taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the works for which tenders are invited.

B = Value, at **2024-2025**[2] price level, of existing commitments and on-going works to be completed during the next.....years *(period of completion of the works for which Tenders are invited)**

Note: *The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent.*

3.7 Even though the Tenderers meet the above criteria, they are subject to be disqualified if

they have:

- made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or
- participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.

4. One Tender per Tenderer:

4.1 Each tenderer shall submit only one tender for one package. A tenderer who submits or participates in more than one Tender (other than as a sub-contractor or in cases of alternatives that have been permitted or requested) will cause all the proposals with the Tenderer's participation to be disqualified.

5. Cost of Tendering:

5.1 The tenderer shall bear all costs associated with the preparation and submission of his tender, and the Employer will in no case be responsible and liable for those costs.

6. Site visit:

6.1 The Tenderer at his own responsibility and risk is encouraged to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the Tender and entering into a contract for construction of the Works. The cost of visiting the Site shall be at the Tenderer's own expense.

B. Tender documents

7. Content of Tender documents

7.1 The set of tender documents shall have all the Sections given in Page 2:
7.2 Both the sets should be completed and returned with the tender.

8. Clarification of Tender Documents

8.1 A prospective tenderer requiring any clarification of the tender documents may notify the Employer in writing or by email at the Employer's address indicated in the invitation to tender. Additionally all the clarifications may be put up during the pre tender meeting.

8.2 **Pre-tender meeting:**

8.2.1 The tenderer or his authorized representative is invited to attend a pre-tender meeting which will take place at The Office of the Chief Engineer & Chief General Manager (tech), BSWML on 07.04.2026 at 3:30 p.m at Meeting Hall, BSWML Building, Thimmaiah Road, Vasanth Nagar, Bengaluru – 52 .
8.2.2 The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.

8.2.3 The tenderer is requested to submit any questions in writing or by cable/email to reach the Employer not later than one day before the meeting.

8.2.4 Minutes of the meeting, including the text of the questions raised (without identifying the source of enquiry) and the responses given will be transmitted without delay to all purchasers of the tender documents. Any modification of the tender documents listed in Sub-Clause 7.1 which may become necessary as a result of the pre-tender meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause 9 and not through the minutes of the pre-tender meeting.

8.2.5 Non-attendance at the pre-tender meeting will not be a cause for disqualification of a tenderer.

9. Amendment of Tender documents

9.1 Before the deadline for submission of tenders, the Employer may modify the tender documents by issuing addenda.

9.2 Any addendum thus issued shall be part of the tender documents and shall be published in the e-procurement portal only.

9.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend as necessary the deadline for submission of tenders, in accordance with Sub-Clause 16.2 below.

C. Preparation of Tenders

10. Documents comprising the Tender

10.1 The tender submitted by the Tenderer shall be in two covers and shall contain the documents as follows:

10.1.1 First Cover (Technical Bid):

(a) Earnest Money Deposit;

(b) Qualification Information as per formats given in Section 3;

10.1.2 Second Cover (Financial Bid):

(a) The Tender (in the format indicated in Section 4)

(b) Priced Bill of Quantities (Section 9);and any other materials required to be completed and submitted by Tenderers in accordance with these instructions. The documents listed under Sections 3, 4, 6 and 9 shall be filled in without exception.

10.2 Deleted.

11. Tender prices

11.1 The contract shall be for the whole works as described in Sub-Clause 1.1, based on the priced Bill of Quantities submitted by the Tenderer.

11.2 The Tenderer shall fill in rates and prices and line item total (both in figures and words) for all items of the Works described in the Bill of Quantities along with total tender price (both in figures and words). **Items for which no rate or price is entered by the Tenderer will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities**. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.

11.3 All duties, taxes, and other levies payable by the contractor under the contract, or for any other cause, shall be included in the rates, prices and total Tender Price submitted by the Tenderer. (Except GST as applicable)

11.4 The rates and prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract in accordance with the provisions of Clause of the Conditions of Contract

12. Tender validity

12.1 Tenders shall remain valid for a period not less than 90 days after the deadline date for tender submission specified in Clause 16. A tender valid for a shorter period shall be rejected by the Employer as non-responsive.

12.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the Tenderers may extend the period of validity for a specified additional period. The request and the Tenderers' responses shall be made in writing or by cable. A Tenderer may refuse the request without forfeiting his earnest money deposit. A Tenderer agreeing to the request will not be required or permitted to modify his tender, but will be required to extend the validity of his earnest money deposit for a period of the extension, and in compliance with Clause 13 in all respects.

13. Earnest money deposit

13.1 Earnest Money Deposit/ Bid security

i. The Bidder shall furnish, as part of his tender, earnest money deposit in the amount as specified. This earnest money deposit shall be in Indian Rupees and payment to be made through e-payment under any one of the four options, through Credit card, direct debit, National Electronic Fund Transfer (NEFT), Over The Counter (OTC) and the confirmation receipt shall be submitted along with the tender.

ii. The earnest money deposit shall be denominated in Indian Rupees and shall:

a. At the bidder's option, minimum of Rs.1,00,000/- to be paid through the e-payment and balance be in the form of either a demand draft, or a bank guarantee from a nationalized/Scheduled Bank /International recognized bank; The original copy of the a letter of credit, a demand draft, or a bank guarantee shall be submitted to this office after closing of tender but before opening the technical bid. Even the bidder has to upload the above document as a part of technical bid document in e procurement portal.

b. Be substantially in accordance with one of the form of earnest money deposit approved by the Purchaser prior to tender submission;

c. Be payable promptly upon written demand by the Purchaser in case any of the conditions listed are invoked;

d. Be submitted in its original form; copies will not be accepted; and

e. Remain valid for a period of 90 days beyond the original validity period of tenders, or beyond any period of extension subsequently requested

iii. The Earnest Money Deposit (EMD) of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required Performance Security.

iv. The Earnest Money Deposit (EMD) may be forfeited:

a. If a Bidder withdraws his Bid during the period of bid validity.

b. If the successful Bidder fails to:

i. Sign the Contract

ii. Furnish a Performance Security

14 Format and signing of Tender

Tenderer shall submit the Bid electronically before the submission date and time published in KPP portal.

D. Submission of Tenders

15. Sealing and marking of tenders

15.1 The Tenderer shall access tender documents, fill them and submit the completed tender document through e-procurement portal only (https://kppp.karnataka.gov.in). The scanned copy of the required qualification information documents as in Clause 3, EMD and Tender processing fee in the form of e-payment as in Clause 13.1, Form of tender in prescribed form and priced Bill of Quantities shall be attached to the e-tender document, failing which the bid will not be considered.
It is the responsibility of the tenderer to submit all the documents pertaining to Eligibility criteria / Qualification information with due diligence.

15.2 Deleted.

15.3 Deleted.

15.4 Deleted.

15.5 No hard copy of any document will be considered at tender stage.

16. Deadline for submission of the Tenders

16.1 Tenders must be received by the Employer no later than the time and date as in KPP portal.

16.2 The Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with Clause 9, in which case all rights and obligations of the Employer and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

17. Late Tenders

17.1 Any tenderer trying to submit the tender after the deadline will not be accepted.

18. Modification and Withdrawal of Tenders

18.1 Tenderers may modify contents of tender before the deadline prescribed in Clause 16.

18.2 Tenderers may withdraw their Tenders by cancelling their bid on the portal only before the deadline prescribed in Clause 16.

18.3 No Tender may be modified and withdrawn after the deadline for submission of Tenders.

18.4 Withdrawal or modification of a Tender between the deadline for submission of Tenders and the expiration of the original period of Tender validity specified in Clause 12.1 above or as extended pursuant to Clause 12.2 may result in the forfeiture of the earnest money deposit pursuant to Clause 13.

18.5 Tenderers may only offer discounts to, or otherwise modify the prices of their Tenders by submitting Tender modifications in accordance with this clause, or included in the original Tender submission.

E. Tender opening and evaluation

19. Opening of First Cover (Technical Bid) of all Tenders and evaluation to determine qualified Tenderers:

19.1 The Employer will open the First Covers of all the Tenders at the time and date as in e-procurement portal, at the office of the Deputy General Manager-4, 1st Floor, BSWML Building, Thimmaiah Road, Vasanth Nagar, Bengaluru-560052 in the presence of the Tenderers or their representatives who choose to attend at **16.00 hours** on the date and the place specified in Clause 16. In the event of the specified date of Tender opening being declared a holiday for the Employer, the Tenders will be opened at the appointed time and location on the next working day.

19.2 Deleted.

19.3 Deleted.

19.4 Deleted

19.5 Deleted.

19.6 The Employer will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 2; (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause and (c) meets the minimum qualification criteria stipulated in ITT Clause 3. The Employer will draw out a list of qualified Tenderers.

20. Opening of Second Cover (Financial Bid) of qualified Tenderers and evaluation:

20.1 The Employer will inform all the Qualified Tenderers the time, date and venue fixed for the opening of the Second Cover containing the priced Tenders. The Employer will open the Second Covers of Qualified Tenderers at the appointed time and date in the presence of the Tenders or their representatives who choose to attend. In the event of the specified date of Second Cover opening being declared a holiday for the Employer, the Second Covers will be opened at the appointed time and location on the next working day.

20.2 Deleted.

20.3 Deleted.

20.4 Deleted.

21. Process to be confidential

21.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.

22 Clarifications of Tenders

22.1 To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Tenders in accordance with Clause 24.

22.2 Subject to sub-clause 22.1, no Tenderer shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, it should do so in writing.

22.3 Any effort by the Tenderer to influence the Employer in the Employer's Tender evaluation, Tender comparison or contract award decisions may result in the rejection of the Tenderers' Tender.

23. Examination of Tenders and determination of responsiveness

23.1 Prior to the detailed evaluation of Tenders, the Employer will determine whether each Tender; (a) has been properly signed; and; (b) is substantially responsive to the requirements of the Tender documents.

23.2 A substantially responsive Tender is one which conforms to all the terms, conditions, and specifications of the Tender documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the Tender documents, the Employer's rights or the Tenderer's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Tenderers presenting substantially responsive Tenders.

23.3 If a Tender is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

24. Correction of errors

24.1 Tenders determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows:

(a) where there is a discrepancy between the rates in figures and in words, the lower of the two will govern[3]; and

(b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

24.2 The amount stated in the Tender will be adjusted by the Employer in accordance with the above procedure for the correction of errors and, with the concurrence of the Tenderer, shall be considered as binding upon the Tenderer. If the Tenderer does not accept the corrected amount the Tender will be rejected, and the earnest money deposit may be forfeited in accordance with Sub-Clause 13.6 (b).

25. Evaluation and Comparisons of Tenders

25.1 The Employer will evaluate and compare only the Tenders determined to be substantially responsive in accordance with Clause 23.

25.2 In evaluating the Tenders, the Employer will determine for each Tender the evaluated Tender Price by adjusting the Tender Price as follows:

(a) making any correction for errors pursuant to Clause 24; and

(b) making appropriate adjustments to reflect discounts or other price modifications offered in accordance with Sub Clause 18.5.

25.3 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the Tender documents or otherwise result in unsolicited benefits for the Employer shall not be taken into account in Tender evaluation.

25.4 The estimated effect of the price adjustment conditions under Clause 41 of the Conditions of Contract, during the implementation of the Contract, will not be taken into account in tender Evaluation

25.5 If the tender of the successful tenderer is seriously unbalanced in relation to the Employer's estimate of the cost of the work to be performed under the contract, the Employer may require the Tenderer to produce detailed price analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the Employer may require that the amount of the performance security set forth in Clause 29 be increased at the expense of the successful Tenderer to a level sufficient to protect the Employer against financial loss in the event of default of the successful tenderer under the contract.

F. Award of Contract

26. Award criteria

26.1 Subject to Clause 27, the Employer will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive to the Tender documents and who has offered the lowest evaluated Tender Price, provided that such Tenderer has been determined to be (a) eligible in accordance with the provisions of Clause 2, and
(b) qualified in accordance with the provisions of Clause 3.

27. Employer's right to accept any Tender and to reject any or all Tenders

27.1 Notwithstanding Clause 26, the Employer reserves the right to accept or reject any Tender, and to cancel the Tender process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the Employer's action.

28. Notification of award and signing of Agreement

28.1 The Tenderer whose Tender has been accepted will be notified of the award by the Employer prior to expiration of the Tender validity period by cable, telex, e-mail or facsimile confirmed by registered letter. This letter (hereinafter and in the *Conditions of Contract* called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").

28.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of Security deposit in accordance with the provisions of Clause 29.

28.3 The Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be kept ready for signature of the successful Tenderer in the office of Employer within 30 days following the notification of award along with the Letter of Acceptance. Within 20 days of receipt, the successful Tenderer will sign the Agreement and deliver it to the Employer.

28.4 Upon the furnishing by the successful Tenderer of the Performance Security, the Employer will promptly notify the other Tenderers that their Tenders have been unsuccessful.

29. Security deposit

29.1 Within 20 days of receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Security deposit in any of the forms given below for an amount equivalent to 5% of the Contract price plus additional security for unbalanced tenders in accordance with Clause 25.5 of ITT and Clause 44 of the Conditions of Contract for all works.:

- Cash or
- Banker's cheque/Demand draft,/Pay Order in favour of The Managing Director, BSWML payable at Bangalore. or
- A bank guarantee in the form given in Section 10; or
- Specified Small Savings Instruments pledged to The Managing Director / Deputy General Manager-4, BSWML;

29.2 If the security deposit is provided by the successful Tenderer in the form of a Bank Guarantee, it shall be issued either by a Nationalized/Scheduled bank.

29.3 The security deposit if furnished in cash or demand draft can, if requested, be converted to interest bearing securities at the cost of the contractor.

29.4 Failure of the successful Tenderer to comply with the requirements of Sub-Clause 29.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Earnest money deposit.

30 Advance Payment and Security:

30.1 The Employer will provide an advance payment on the contract price as stipulated in the Conditions of Contract, subject to the maximum amount as stated in the Contract Data.

31. Corrupt or Fraudulent practices

31.1 The BSWML requires that the Tenderers/Suppliers/Contractors, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, BSWML :

(a) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(b) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a BSWML contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a BSWML contract.

31.2 Furthermore, Tenderers shall be aware of the provision stated in sub-clause 50.2 of the Conditions of Contract.

SECTION 3: QUALIFICATION INFORMATION

The information to be filled in by the Tenderer hereunder will be used for purposes of computing Tender capacity as provided for in Clause 3 of the Instructions to Tenderers. This information will not be incorporated in the Contract.

1.1 Constitution or legal status of Tenderer [Attach copy]

Place of Registration _____ (Attach Copy)

Principal place of business: _____

1.2 Total value of civil engineering construction works executed and payments received in the last five years (in Rs. Lakhs) Attach Certificate from Chartered Accountant

2020 - 21.....
2021 - 22 .....
2022 - 23 .....
2023 - 24 .....
2024 - 25 .....

1.3 Work performed as Prime Contractor (in the same name) on works of similar nature over during the five years specified in 1.2 above.

Project Name	Name of Employer	Descrip-tion of Work	Contract Number	Value of Contract Rs. Lakhs	Date of issue of work order	Specified period of completion	Actual date of Actual date of	Remarks explaining reasons for delay in completion of work
1	2	3	4	5	6	7	8	9

1.4 Quantities of work executed as prime contractor (in the same name) during the last five years specified in 1.2 above:

Year	Name of Work	Name of Employer	Quantity of work performed				Remarks (Indicate contract reference)
			TMT Steel (Mt)	Earthwork excavation (cum)	Vitrified/Glazed Tiles	PCC/RCC (cum)	
2020-21							
2021-22							
2022-23							
2023-24							
2024-25							

1.4 Information on works for which Tenders have been submitted and works which are yet to be completed as on the date of this Tender.

(A) Existing commitments and on-going works:

Description of Work	Place & State	Contract No. & Date	Name And Address of Employer	Value of Contract (Rs. lakhs)	Stipulated period of completion	Value of works remaining to be completed (Rs. lakhs) Attach Certificates from Engineers – in- Charge	Anticipated date of completion
1	2	3	4	5	6	7	8

(B) Works for which Tenders already submitted:

Description of Work	Place & State	Name and Address of Employer	Estimated value of works (Rs. lakhs)	Stipulated period of completion	Date when decision is expected	Remarks if any
1	2	3	4	5	6	7

1.6. The following items of equipment are considered essential for successfully carrying out the works. The Tenderer should furnish all the information listed below.

Item of Equipment	Requirement[4]		Owned	Owned and available		
	No.	Capacity		Number/ Capacity	Age/ condition	Remarks

1.7 Reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the last five years;

1.8 Qualification and experience of the key technical and management personnel in permanent employment with the tenderer and those that are proposed to be deployed on this contract, if awarded.

1.9. Name, address, and telephone, telex, and fax numbers of the Tenderers' bankers who may provide references if contacted by the Employer.

1.10 Evidence of access to financial resources to meet the qualification requirement specified in ITT Clause3.3 (b): Cash in hand, Letter of Credit etc. List them below and attach certificate from the Banker in the suggested format as under:

BANKER'S CERTIFICATE

This is to certify that M/s …… is a reputed company with a good financial standing. If the contract for this work, namely…… (*name of the work)* is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs …… to meet the working capital requirements for executing the above contract

Name of the Bank, Senior Bank Manger
with Signature
Address:……..

1.11 Proposals for subcontracting components of works amounting to more than 20% of the contract price .

Item of Work	Value of Sub-Contract	Identified Sub-Contractor (Name and address)	Experience of similar work (Attach certificates from the respective Employers.)
1	2	3	4

1.12 Information on litigations in which the Tenderer is involved:

Other Party (ies)	Employer	Details of dispute	Amount involved	Remarks showing present status

1.13 The proposed methodology and program of construction, backed with equipment planning and deployment, duly supported with broad calculations and quality control procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.

SECTION 4: FORMS OF TENDER, LETTER OF ACEPTANCE, NOTICE TO PROCEED WITH THE WORK AND AGREEMENT FORM

Form of Tender

Description of the Works: ……
……..
(To be filled in by the Employer before issue of the Tender document)

Tender

To : ……..

Address ……..
……
(To be filled in by the Employer before issue of the Tender document)

GENTLEMEN,

We offer to execute the Works described above in accordance with the Conditions of Contract accompanying this Tender for the Contract Price of …….. *[in figures] (*…….) *[in letters]*.[5]

This Tender and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any Tender you receive.

The advance payment required is Rs……..

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We hereby confirm that this Tender complies with the Tender validity and Earnest money deposit required by the Tender documents.

We attach herewith our current income-tax clearance certificate.

Yours faithfully,

Authorized Signature:

Name & Title of Signatory: _____

Name of Tenderer _____
Address: ----------

Letter of Acceptance
(Letterhead paper of the Employer)

…… [date]

To:

……
…….[name and address of the Contractor]

Dear Sirs,

This is to notify you that your Tender dated …… for execution of the ……
…….. *[name of the contract and identification number, as given in the Instructions to Tenderers]* for the Contract Price of Rupees ……..
…… (……) [amount in words and figures], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by our Agency.

You are hereby requested to furnish Security deposit plus additional security for unbalanced tenders in terms of Clause 25.5 of ITT, in the form detailed in Clause 29.1 of ITT for an amount of Rs within 20 days of the receipt of this letter of acceptance valid up to 30 days from the date of expiry of Defects Liability Period i.e. up to …… and sign the contract, failing which action as stated in Para 29.4 of ITT will be taken.

Yours faithfully,

Authorized Signature
Name and Title of Signatory
Name of Agency

Issue of Notice to proceed with the work

(Letterhead of the Employer)

…….. (date)

To

……
……
…… (Name and address of the Contractor)

Dear Sirs:

Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 29.1 and signing of the contract agreement for the construction of…… (Name of the work) a Tender Price of Rs …… , you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

(Signature,
Name and title of signatory Authorized to sign
on behalf of Employer)

Agreement Form

Agreement

This agreement, made the ……..day of ……..20……. , between……
…… [name and address of Employer]
(hereinafter called "the Employer") of the one part and ……..
……...[name and address of contractor] (hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute ……..
……
……
[name and identification number of Contract] (hereinafter called "the Works") and the Employer has accepted the Tender by the Contractor for the execution and completion of such Works and the remedying of any defects therein at a contract price of Rupees.....

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
   i) Letter of Acceptance;
   ii) Notice to proceed with the works;
   iii) Contractor's Tender;
   iv) Contract Data;
   v) Conditions of contract (including Special Conditions of Contract);
   vi) Specifications;
   vii) Drawings;
   viii) Bill of Quantities; and
   ix) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of ……
……
was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said
……

in the presence of:
Binding Signature of Employer
……
Binding Signature of Contractor
……..

SECTION 5: CONDITIONS OF CONTRACT
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Conditions of Contract

A. General

1. Definitions

1.1 Terms which are defined in the Contract Data are not also defined in the Conditions of Contract but keep their defined meanings. Bold letters are used to identify defined terms.

Bill of Quantities means the priced and completed Bill of Quantities forming part of the Tender.
Compensation events are those defined in Clause 38 hereunder.
The **Completion Date** is the date of completion of the Works as certified by the Employer in accordance with Sub Clause 46.1.
The **Contract** is the contract between the Employer and the Contractor to execute, complete and maintain the Works. It consists of the documents listed in Clause 2.2 below.
The **Contract Data** defines the documents and other information which comprise the Contract.
The **Contractor** is a person or corporate body whose Tender to carry out the Works has been accepted by the Employer.
The **Contractor's Tender** is the completed Tender document submitted by the Contractor to the Employer.
The **Contract price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.
Days are calendar days; **months** are calendar months.
A **Defect** is any part of the Works not completed in accordance with the Contract.
The **Defects liability period** is the period named in the Contract Data and calculated from the Completion Date.
The **Employer** is the party who will employ the Contractor to carry out the Works.
Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.
The **Initial Contract price** is the Contract Price listed in the Employer's Letter of Acceptance.
The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is specified in the Contract Data. The Intended Completion Date may be revised only by the Employer by issuing an extension of time.
Materials are all supplies, including consumables, used by the contractor for incorporation in the Works.
Plant is any integral part of the Works which is to have a mechanical, electrical, electronic or chemical or biological function.
The **Site** is the area defined as such in the Contract Data.
Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Employer.
The **Start Date** is given in the Contract Data. It is the date when the Contractor shall commence execution of the works. It does not necessarily coincide with any of the Site Possession Dates.
A **Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract which includes work on the Site.
A **Variation** is an instruction given by the Employer which varies the Works.
The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as defined in the Contract Data.

2. Interpretation

2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Employer will provide instructions clarifying queries about the Conditions of Contract.

2.2 The documents forming the Contract shall be interpreted in the following order of priority:

(1) Agreement
(2) Letter of Acceptance, notice to proceed with the works
(3) Contractor's Tender
(4) Contract Data
(5) Conditions of Contract
(6) Specifications
(7) Drawings
(8) Bill of quantities and
(9) Any other document listed in the Contract Data as forming part of the Contract.

3. Law governing contract

3.1 The law governing the Contract is the Laws of India supplanted by the Karnataka Local Acts.

4. Employer's decisions

4.1 Except where otherwise specifically stated, the Employer will decide contractual matters between the Employer and the Contractor.

5. Delegation

5.1 The Employer may delegate any of his duties and responsibilities to other people after notifying the Contractor and may cancel any delegation after notifying the Contractor.

6. Communications

6.1 Communications between parties which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act).

7. Subcontracting (Deleted)

7.1 Deleted.

8. Other Contractors

8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer.

9. Personnel

9.1 The Contractor shall employ the technical personnel (of number and qualifications) as may be stipulated by GOK from time to time during the execution of the work. The technical staff so employed shall be available at site as may be stipulated by the Employer.

9.2 If the Employer asks the Contractor to remove a person who is a member of the Contractor's staff or his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

10. Employer's and Contractor's risks

10.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

11. Employer's risks

11.1 The Employer is responsible for the excepted risks which are:

(a) rebellion, riot commotion or disorder unless solely restricted to employees of the Contractor or his Sub-Contractors arising from the conduct of the Works; or

(b) a cause due solely to the design of the Works, other than the Contractor's design; or

(c) any operation of the forces of nature (in so far as it occurs on the Site) which an experienced contractor:

  (i) could not have reasonably foreseen; or

  (ii) could reasonably have foreseen, but against which he could not reasonably have taken at least one of the following measures;

    (A) prevent loss or damage to physical property from occurring by taking appropriate measures or

    (B) insure against such loss or damage

12. Contractor's risks

12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

13. Insurance:

13.1 The Contractor shall prior to commencing the works, effect and thereafter maintain insurances , in the joint names of the Employer and the Contractor, (cover from the first working day after the Start Date to the end of Defects Liability Period), in the amounts stated in the Contract Data :

(a) for loss of or damage to the Works, Plants and Materials and the Contractor's equipment;

(b) for liability of both Parties for loss, damage, death and injury to third parties or their property arising out of the Contractor's performance of the Contract including the Contractor's liability for damage to the Employer's property other than the Works and

(c) for liability of both Parties and of any Employer's representative for death and injury to the Contractor's personnel except to the extent that liability arises from the negligence of the Employer, any Employer's representative or their Employees.

13.2 Policies and certificates for insurance shall be delivered by the Contractor to the Employer for his approval before the Start Date. All such insurance shall provide for compensation to be payable to rectify the loss or damage incurred. All payments received from insurers relating to loss or damage shall be held jointly by the Parties and used for the repair of the loss or damage or as compensation for loss or damage that is not to be repaired.

13.3 If the Contractor fails to effect or keep in force any of the insurances referred to in the previous sub-clauses or fails to provide satisfactory evidence, policies or receipts, the Employer may without prejudice to any other right or remedy, effect insurance for the cover relevant to such default and pay the premiums due and recover the same as a deduction from any other monies due to the Contractor. If no payments is due, the payment of the premiums shall be a debt due.

13.4 Alterations to the terms of insurance shall not be made without the approval of the Employer.

13.5 Both Parties shall comply with any conditions of the insurance policies.

14. Site Investigation Reports:

14.1 The Contractor, in preparing the tender, shall rely on any site investigation reports referred to in the Contract data, supplemented by any information available to the Tenderer.

15. Queries about the Contract Data

15.1 The Employer will clarify queries on the Contract Data.

16. Contractor to construct the Works

16.1 The Contractor shall construct the Works in accordance with the Specification and Drawings.

17. The Works to be completed by the Intended Completion Date

17.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the program submitted by the Contractor, as updated with the approval of the Employer, and complete them by the Intended Completion Date.

18. Approval by the Employer:

18.1 The Contractor shall submit Specification and drawings showing the proposed Temporary Works to the Employer, who is to approve them if they comply with the Specifications and Drawings.

18.2 The Contractor shall be responsible for the design of Temporary Works

18.3 The Employer's approval shall not alter the Contractor's responsibility for design of the Temporary Works.

18.4 The Contractor shall obtain approval of third parties to the design of third parties to the design of the temporary Works where required.

18.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Employer before their use.

19. Safety

19.1 The Contractor shall be responsible for the safety of all activities on the Site.

20. Discoveries

20.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site is the property of the Employer. The Contractor is to notify the Employer of such discoveries and carry out the Employer's instructions for dealing with them.

21. Possession of the Site

21.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the Contract Data the Employer is deemed to have delayed the start of the relevant activities and this will be Compensation Event.

22. Access to the Site

22.1 The Contractor shall allow the Employer and any person authorized by the Employer access to the Site, to any place where work in connection with the Contract is being carried out or is intended to be carried out and to any place where materials or plant are being manufactured / fabricated / assembled for the works.

23. Instructions

23.1 The Contractor shall carry out all instructions of the Employer which comply with the applicable laws where the Site is located.

24. Procedure for resolution of Disputes:

24.1 If the Contractor is not satisfied with the decision taken by the Employer, the dispute shall be referred by either party to Arbitration within 30 days of the notification of the Employer's decision.

24.2 If neither party refers the dispute to Arbitration within the above 30 days, the Employer's decision will be final and binding.

24.3 The Arbitration shall be conducted in accordance with the arbitration procedure stated in the Special Conditions of Contract.

B. Time Control

25. Program

25.1 Within the time stated in the Contract Data the Contractor shall submit to the Employer for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works.

25.2 The Employer's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Employer again at any time. A revised Program is to show the effect of Variations and Compensation Events.

26. Extension of the Intended Completion Date

26.1 The Employer shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date.

26.2 The Employer shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Employer for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information.

27. Delays ordered by the Employer

27.1 The Employer may instruct the Contractor to delay the start or progress of any activity within the Works.

28. Management meetings

28.1 The Employer may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the progress achieved and the plans for remaining work.

28.2 The responsibility of the parties for actions to be taken is to be decided by the Employer either at the management meeting or after the management meeting and stated in writing to be distributed to all who attended the meeting.

C. Quality Control

29. Identifying defects

29.1 The Employer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Employer may instruct the Contractor to search for a Defect and to uncover and test any work that the Employer considers may have a Defect.

30. Tests

30.1 If the Employer instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

31. Correction of defects

31.1 The Employer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

31.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Employer’s notice.

32. Uncorrected defects

32.1 If the Contractor has not corrected a Defect within the time specified in the Employer’s notice, the Employer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

D. Cost Control

33. Bill of Quantities (BOQ)

33.1 The B O Q shall contain items f o r the construction, installation, testing, and commissioning work to be done by the Contractor.

33.2 The BOQ is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the BOQ for each item

34. Variations

34.1 The Employer shall have power to order the Contractor to do any or all of the following as considered necessary or advisable during the progress of the work by him

(a) Increase or decrease of any item of work included in the Bill of Quantities (BOQ);
(b) Omit any item of work;
(c) Change the character or quality or kind of any item of work;
(d) Change the levels, lines, positions and dimensions of any part of the work;
(e) Execute additional items of work of any kind necessary for the completion of the works; and
(f) Change in any specified sequence, methods or timing of construction of any part of the work.

34.2 The Contractor shall be bound to carry out the work in accordance with any instructions in this connection, which may be given to him in writing by the Employer and such alteration shall not vitiate or invalidate the contract.

34.3 Variations shall not be made by the Contractor without an order in writing by the Employer, provided that no order in writing shall be required for increase or decrease in the quantity of an item appearing in the BOQ so long as the work executed conforms to the approved drawings.

34.4 The Contractor shall promptly request in writing to the Employer to confirm verbal orders and the officer issuing oral instructions shall confirm it in writing within 30 days, failing which the work shall be carried out as though there is no variation. In case variation is approved it shall be accompanied by BOQ, failing which the contractor shall be responsible for deviation if any. Further, approval of Govt. / BSWML has to be obtained for the variation exceeding 5%.

35. Payments for Variations

35.1 Payment for increase in the quantities of an item in the BOQ up to 25% of that provided in the Bill of Quantities shall be made at the rates quoted by the Contractor.

35.2 For quantities in excess of 125% of the tendered quantity of an item as given in the BOQ, the Contractor shall be paid at the rate entered in or derived from in the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.

35.3 If there is no rate for the additional, substituted or altered item of the work in the BOQ, efforts would be made to derive the rates from those given in the BOQ or the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) and if found feasible the payment would be made at the derived rate for the item plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.

35.4 If the rates for additional, substituted or altered item of work cannot be determined either as at 35.1 or 35.2 or 35.3 above, the Contractor shall be requested to submit his

quotation for the items supported by analysis of the rate or rates claimed, within 7 days.

35.5 If the Contractor's quotation is determined unreasonable, the Employer may order the Variation and make a change to the Contract Price which shall be based on Employer's own forecast of the effects of the Variation on the Contractor's costs.

35.6 If the Employer decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

35.7 Under no circumstances the Contractor shall suspend the work on the plea of non-settlement of rates for items falling under this Clause.

36. Submission of bills for payment

36.1 The Contractor shall submit to the Employer monthly bills of the value of the work completed less the cumulative amount paid previously.

36.2 The Employer shall check the Contractor's bill and determine the value of the work executed which shall comprise of (i) value of the quantities of the items in the BOQ completed and (ii) valuation of Variations and Compensation Events.

36.3 The Employer may exclude any item paid in a previous bill or reduce the proportion of any item previously paid in the light of later information.

37. Payments

37.1 Payments shall be adjusted for deductions for advance payments other than recoveries in terms of contract and taxes, at source, as applicable under the law. The Employer shall pay the Contractor the within 60 days of submission of bill. The contractor shall be liable to pay liquidated damages for shortfall in progress. For progress beyond the agreed programme payment is subject to availability of the grants.

37.2 Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

38. Compensation events

38.1 The following are Compensation events unless they are caused by the Contractor:

(a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Contract Data.
(b) The Employer orders a delay or does not issue drawings, specifications or instructions required for execution of works on time.
(c) The Employer instructs the Contractor to uncover or to carry out additional tests upon work which is then found to have no Defects.
(d) The Employer gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
(e) The effect on the Contractor of any of the Employer's Risks.
(f) The Employer unreasonably delays issuing a Certificate of Completion.
(g) Other Compensation Events listed in the Contract Data or mentioned in the Contract.

38.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date is extended. The Employer shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

38.3 As soon as information demonstrating the effect of each Compensation event upon the Contractor's forecast cost has been provided by the Contractor, it is to be assessed by the Employer and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Employer shall adjust the Contract Price based on Employer's own forecast. The Employer will assume that the Contractor will react competently and promptly to the event.

38.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having cooperated with the Employer.

39. Tax

39.1 The rates quoted by the Contractor shall be **exclusive of GST**. The Contractor will have to pay for the performance of this Contract. The Employer will perform such duties in regard to the deduction of such taxes at source as per applicable law.

40. Price Adjustment:
As per GO

41. Liquidated damages

41.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the Contract Data for each day that the Completion Date is later than the Intended Completion Date (for the whole of the works or the milestone as stated in the Contract Data). The total amount of liquidated damages shall not exceed the amount defined in the Contract Data. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages does not affect the Contractor's liabilities.

41.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Employer shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment of bill.

42. Advance Payments:

42.1 The Employer shall make payment to the Contractor of the amounts stated in the Contract Data by the date stated in the Contract Data, against provision by the Contractor of an unconditional bank guarantee in a form acceptable to the Employer issued by a Nationalized/Scheduled Bank in amounts equal to the advance payment. The guarantee shall remain effective until the advance payment has been repaid, but the amount of the guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest will not be charged on the advance payment.

42.2 The Contractor is to use the advance payment only to pay for Mobilization expenses required specifically for execution of the Works. The Contractor shall demonstrate that advance payment has been used in this way by supplying copies of invoices or other documents to the Employer.

42.3 The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuation of the work done, variations, price adjustments, compensation events or liquidated damages.

43. Securities:

43.1 The Security deposit (including additional security for unbalanced tenders) shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and type of instrument acceptable to the Employer. The Security deposit shall be valid until a date 30 days from the date of expiry of Defects Liability Period and the additional security for unbalanced tenders shall be valid until a date 30 days from the date of issue of the certificate of completion.

44. Cost of Repairs:

44.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Finishing the Contract

45. Completion

45.1 The Contractor shall request the Employer to issue a Certificate of Completion of the Works and the Employer will do so upon deciding that the Work is completed.

46. Taking over

46.1 The Employer shall take over the Site and the Works within seven days of issuing a certificate of Completion.

47. Final account

47.1 The Contractor shall supply to the Employer a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer shall issue a Defect Liability Certificate and certify any final payment that is due to the Contractor within 90 days of receiving the Contractor's account if it is correct and complete. If it is not, the Employer shall issue within 90 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Employer shall decide on the amount payable to the Contractor and make payment within 60 days of receiving the Contractor's revised account.

48. As built drawings and /or Operating and Maintenance Manuals

48.1 If "as built" (Completion *drawings*) Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the Contract Data.

48.2 If the Contractor does not supply the Drawings by the dates stated in the Contract Data, or they do not receive the Employer's approval, the Employer shall withhold the amount stated in the Contract Data from payments due to the Contractor.

49. Termination

49.1 The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

49.2 Fundamental breaches of Contract include, but shall not be limited to the following:

(a) The Contractor stops work for 45 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Employer;
(b) Deleted.
(c) The Contractor becomes bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
(d) Deleted.
(e) The Employer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Employer;
(f) The Contractor does not maintain a security which is required;
(g) The Contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined in the Contract data; and
(h) If the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in the executing the Contract.
For the purpose of this paragraph : "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition."

49.3 When either party to the Contract gives notice of a breach of contract to the Employer for a cause other than those listed under Sub Clause 49.2 above, the Employer shall decide whether the breach is fundamental or not.

49.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

49.5 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

50. Payment upon Termination

50.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Employer shall prepare bill for the value of the work done less advance payments received up to the date of the bill, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the Contract Data. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor the difference shall be a debt payable to the Employer.

50.2 If the Contract is terminated at the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Employer shall prepare bill for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract, and less taxes due to be deducted at source as per applicable law and make payment accordingly.

51. Property

51.1 All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer, if the Contract is terminated because of a Contractor's default.

52. Release from performance

52.1 If the Contract is frustrated by any event entirely outside the control of either the Employer or the Contractor the Employer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which commitment was made

F. Special Conditions of Contract

1. Labour:

The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

The Contractor shall, if required by the Employer, deliver to the Employer a return in detail, in such form and at such intervals as the Employer may prescribe, showing the staff and the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Employer may require.

2. Compliance with labour regulations:

During continuance of the contract, the Contractor shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, Employer shall have the right to deduct any money due to the Contractor including his amount of security deposit. The Employer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer.

The employees of the Contractor in no case shall be treated as the employees of the Employer at any point of time.

3. Protection of Environment:

The contractor shall take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation. During continuance of the contract, the contractor shall abide at all times by all existing enactments on environmental protection and rules made there under, regulations, notifications and bye-laws of the State or Central Government, or local

authorities and any other law, bye-law, regulations that may be passed or notification that may be issued in this respect in future by the State or Central Government or the local authority.

4. Arbitration (Clause 24)

4.1 The procedure for arbitration shall be as follows:

(a) In case of dispute or difference arising between the Employer and the Contractor relating to any matter arising out of or connected with this agreement it shall be settled in accordance with the Arbitration and Conciliation Act 1996. The disputes or differences shall be referred to a Sole Arbitrator. The Sole Arbitrator shall be appointed by agreement between the parties; failing such agreement, by the Appointing Authority (any one of the Organizations as per list enclosed in Annexure).
(b) Arbitration proceedings shall be held at Bangalore, Karnataka state (to be filled in by the Employer before issue of the Tender Documents),
(c) The cost and expenses of arbitration proceedings will be paid as determined by the Arbitrator. However the expenses incurred by each party in connection with the preparation, presentation, etc., shall be borne by each party itself.
(d) Performance under the contract shall continue during the arbitration proceedings and payments due the Contractor by the Employer shall not be withheld, unless they are the subject matter of the arbitration proceedings.

5. In the case of the death of a Contractor after executing the agreement / commencement of the work, his legal heir, if an eligible registered Contractor and willing can execute and complete the work at the accepted tender rates irrespective of the cost of the work.

6. The Contractor shall produce invoice for procurement of Bitumen along with work bills. No payments will be made without such invoices.

7. Mix Designs for Concrete work shall be got approved by Chief Engineer before commencement of Work.

8. The Contractor shall execute the work in minimum two shifts (Day & Night) for speedy completion of work and to minimize inconvenience to public.

9. The Contractor should have his own laboratory facilities for Quality Control / Quality Assurance of the whole work.

10. Tenderer should have registered with EPF and EIS authorities; certification should be produced at the time of tendering OR else before entering in to the Agreement.

11. GST shall be paid separately.

[Add other Clauses specific to the work for which tenders are invited.]

Annexure:

LIST OF ORGANIZATIONS WHO ARE CONSIDERED AS APPOINTING AUTHORITY FOR APPOINTMENT OF ARBITRATORS[6]

a. Indian Council of Arbitration, New Delhi;
b. International Centre for Alternative Disputes Resolution (India);
c. Indian Roads Congress;
d. Indian Building Congress;
e. Indian Institute of Bridge Engineers;
f. Indian Institute of Public Health Engineers;
g. Institute of Water Works

SECTION 6: CONTRACT DATA

Items marked "N/A" do not apply in this Contract.

The following documents are also part of the Contract: **Clause Reference**

- The Schedule of Operating and Maintenance Manuals [48]
- The Methodology and Program of Construction [25]
- Site Investigation Reports [14]
- The Schedule of Key and Critical Equipment to be deployed on the work as per agreed program of construction. [25]

The Employer is:

Name: The Managing Director [1.1]
Address: 1st Floor, BSWML Building, Thimmaiah Road, Vasanth Nagar, Bengaluru-05
Name of authorized Representative: Deputy General Manager-4 Bengaluru Solid Waste Management Limited.

The name and identification number of the **Construction of New Public Toilets and up gradation of existing Public Toilets in East and yelahanka Zone.**

[1.1]

The Works consist Construction of Public Toilet Complex at 20 locations in GBA Limits.

The start date shall be the date of issue of notice to proceed with the work.
[1.1]

The Intended Completion Date for the whole of the Works is **06 (Six) months**[7] with the following milestones [17, 26]

Milestone dates:
Physical works to be completed, period from the date of issue of Notice to proceed with the work.
Milestone 1 i.e Financial Progress for Rs.465.50 Lakhs within 03 Months from the date of work order
Milestone 2 i.e Financial Progress for Rs.465.50 Lakhs within 06 Months from the date of work order

The Site Possession Date is:[8]**Date of work order** [21]

The Site is located at **GBA limits**[1.1] and is defined in drawings

The Defects Liability Period is 03 years from the date of completion of Work/Project [31]

Insurance requirements are as under: SS[13]

	Type of Cover	Minimum cover for Insurance[9]
(i)	Works and of Plant and materials	The sum stated in the Agreement plus 20%
(ii)	Loss or damage to equipment	Full replacement cost
(iii)	Loss or damage to property of Third Party	Full replacement cost
(iv)	Personal injury or death insurance (a) for Third Party[10]	
	(b) for Contractor's employees or labour	In accordance with the statutory requirements applicable to Karnataka

The liquidated damages for the whole of the works is Rs.9,310/- per Day (amount) and that for the milestones are as under:

For Milestone 1: Rs. 9,310/- per day [41]
For Milestone 2: Rs. 9,310/-per day

The maximum amount of liquidated damages for the whole of the works [41] is Ten percent of final contract price.
The amounts of the advance payment are: deleted

[11]The date by which "as-built"[12] drawings (in scale …[13]) in 2 sets are required is within 30 days of issue of certificate of completion of Whole or Section of the Work as the case may be. [48]
[14]The date by which Operating and Maintenance Manuals are required is within 30 days of issue of certificate of completion of Whole or Section of the Work as the case may be. [48]

-Deleted- [48]

The following events shall also be fundamental breach of the contract: [49.2]

1. The contractor has contravened Sub-clause 7.1 and Clause 9 of CC.

The percentage to apply to the value of the work not completed representing the Employer's [50.1]

Additional cost for completing the Works shall be 30 percent (30%).*(Change if need be. It should be sufficient to get the balance of works completed by alternative agency.)*

SECTION 7: SPECIFICATIONS

SECTION 8: DRAWINGS

SECTION 9: BILL OF QUANTITIES

DRAFT TENDER SCHEDULE (DTS)					
Sl No	**Description of Item**	**Unit**	**Quantity**	**In Fig**	**In Words**
1	Dismantling Stone Masonry By Manual means B) Rubble stone masonry in cement mortar	Cum	135.0	658.80	Rupees Six Hundred Fifty Eight And Paise Eighty Only
2	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately	Cum	120.0	608.04	Rupees Six Hundred Eight And Paise Four Only
3	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth	Cum	516.6	301.62	Rupees Three Hundred One And Paise Sixty Two Only
4	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work In ordinary/soft rock without blasting upto 1.5 m depth	Cum	1446.3	399.30	Rupees Three Hundred Ninety Nine And Paise Thirty Only

5	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits with Chlorpyriphos 20% E.C. / Lindane 20% E.C. @ 3.19 l/m2 including cost of chemical, diluting in water to one percent concentration, labour, usage charges of machinery, complete as per specifications.	Sqm	1382.4	127.44	Rupees One Hundred Twenty Seven And Paise Forty Four Only
6	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specifications	Cum	130.8	6167.70	Rupees Six Thousand One Hundred Sixty Seven And Paise Seventy Only
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately). 2.1.2 Mix 1:4:8(M5) Using 40 mm nominal size graded crushed coarse aggregates	Cum	385.5	6167.70	Rupees Six Thousand One Hundred Sixty Seven And Paise Seventy Only
8	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) 2.2.1 M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates.	Cum	142.6	6802.40	Rupees Six Thousand Eight Hundred Two And Paise Forty Only

9	Filling approved earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	1088.7	292.60	Rupees Two Hundred Ninety Two And Paise Sixty Only
10	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. All other type of structures	Tonnes	53.3	76723.90	Rupees Seventy Six Thousand Seven Hundred Twenty Three And Paise Ninety Only
11	Fabrication and manufacturing of M35 Grade solid precast concrete element with provisions of shear keys, connecting loops, dowel tubes and proper lifting accessories for walls, beams, slabs, stairs, column etc, of various thickness, shape and size of different concrete grades manufactured in controlled factory environment with approved methodology including moulds (Pallet system, Tilts form, table moulds, battery moulds, vertical moulds, beam moulds, column moulds, staircase moulds, Facade mould, etc.), mixing, transporting and placing of concrete, vibrating, curing, finishing, making necessary cutout/holes of required sizes for services, yard handling & stacking all complete as per IS : 11447:1985 and as per approved shop drawings and design mix as per the direction of Engineerin-Charge (Cost of reinforcement, Mechanical, Electrical and Plumbing inserts will be paid separately).	Cum	834.3	18572.40	Rupees Eighteen Thousand Five Hundred Seventy Two And Paise Forty Only
12	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes including cost of materials, labour, usage charges of machinery complete as per specifications andas per directions of the Engineer-in-Charge.	Kgs	131013.6	161.70	Rupees One Hundred Sixty One And Paise Seventy Only
13	Providing and fixing 6mm Clear/opalwhite/solar bronze/blue/green tinted Multi wall poly carbonate sheet for Tubular structure. The work including cost of all materials, labour charges and usage charges of machinery for cutting, welding, grinding and erection equipments, with all lead, transportation, loading and unloading and all	Sqm	917.5	3437.50	Rupees Three Thousand Four Hundred Thirty Seven And Paise Fifty Only

	other incidental charges etc. complete as per specification and directions of the Engineer in charge of the work.				
14	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	SQm	2896.6	322.30	Rupees Three Hundred Twenty Two And Paise Thirty Only
15	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.	Sqm	1001.1	110.00	Rupees One Hundred Ten Only
16	Painting with silicon & acrylic emulsion based water thinnable sealer of approved brand and manufacture on wet or patchy portion of plastered surfaces :Two coats with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	1259.6	217.80	Rupees Two Hundred Seventeen And Paise Eighty Only
17	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	1259.6	183.70	Rupees One Hundred Eighty Three And Paise Seventy Only
18	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	6837.2	55.00	Rupees Fifty Five Only

19	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m^2 over an under coat of primer applied @ 0.80 ltr/10 m^2 of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	6800.0	152.90	Rupees One Hundred Fifty Two And Paise Ninety Only
20	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.	Sqm	2952.3	1590.60	Rupees One Thousand Five Hundred Ninety And Paise Sixty Only
21	Providing and laying Polished Glazed Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm.	Sqm	1160.2	1387.10	Rupees One Thousand Three Hundred Eighty Seven And Paise Ten Only
22	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge. Size of Tile 600x600 mm	Sqm	1160.2	229.90	Rupees Two Hundred Twenty Nine And Paise Ninety Only
23	Providing and fixing 18 mm thick gang saw cut granite of any color and shade, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch up, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.	Sqm	389.7	4327.40	Rupees Four Thousand Three Hundred Twenty Seven And Paise Forty Only
24	Providing and fixing granite stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm	Sqm	22.5	2852.30	Rupees Two Thousand Eight Hundred Fifty Two And Paise Thirty Only

	nominal size) as per direction of Engineer-in-charge and finished smooth.				
25	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross- section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.	m	1089.0	707.30	Rupees Seven Hundred Seven And Paise Thirty Only
26	Providing and fixing to existing door frames Glass Fibre Reinforced Plastic(FRP) panelled door shutter of required colour and approved brand andmanufacture, made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames.	Sqm	304.8	3524.40	Rupees Three Thousand Five Hundred Twenty Four And Paise Forty Only
27	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete.	Each	480.0	171.60	Rupees One Hundred Seventy One And Paise Sixty Only
28	Hold fasts	Each	480.0	66.00	Rupees Sixty Six Only
29	Providing and laying water proofing treatment to the Retaining wall area with PU Elastomeric Single component liquid applied, cold applied, moisture cured high tensile elastomeric PU waterproofing membrane having elongation of more than 400% and having solid content of above 90% @ 1.6kg per m2 in 2 coats to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g/ m2. The cost is inclusive of surface preparation, crack filling, repair of loose mortar etc. completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.	Sqm	946.9	976.80	Rupees Nine Hundred Seventy Six And Paise Eighty Only

30	Providing 20 mm cement plaster of mix :1:4 (1cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, roviding and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm	453.6	386.10	Rupees Three Hundred Eighty Six And Paise Ten Only
31	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	Cum	180.0	2814.90	Rupees Two Thousand Eight Hundred Fourteen And Paise Ninety Only
32	Providing and laying 60mm thick factory made precast M -30 grade Cement Concrete Paver Block as per IRC SP 63:2018 & IS 15658 for Cycle Tracks & Pedestrian Footpaths of approved shape and colour, laid in required pattern and including over 30mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-incharge. WBM Base to be paid separately if necessary as per relevant technical specification)	Sqm	1200.0	1174.80	Rupees One Thousand One Hundred Seventy Four And Paise Eighty Only
33	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications	Sqm	90.0	1351.90	Rupees One Thousand Three Hundred Fifty One And Paise Ninety Only
34	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the	kgs	720.0	621.50	Rupees Six Hundred Twenty One And Paise Fifty Only

	Engineer-in-Charge.				
35	Constructing brick masonry chamber of internal dimension 600x600mm and depth of 600mm (inner dimensions) with modular bricks of CD 75 in cement mortar 1:6, bed concrete 150mm thick with 1:3:6, plastering 12 mm thick with cement mortar 1:4, CC 1:2:4 coping 75mm thk for fixing CI cover & frame etc. excluding the cost of CI frame and cover..	Nos	60.0	5999.40	Rupees Five Thousand Nine Hundred Ninety Nine And Paise Forty Only
36	Supplying UNPLASTICISED PVC pipes conforming to IS 16098:2013 with latest amendments ended with integral sockets with ISI mark and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing of UPVC pipes (with cost of elastomeric sealing rings) and specials (excluding cost of specials) with jointing of approved type, with all labour, lead & lifts, including encasing the pipes alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (contractor will make his own arrangements for procuring water for testing) etc. for: Pipes of SN4, 110mm dia.	m	750.0	316.80	Rupees Three Hundred Sixteen And Paise Eighty Only
37	Supplying UNPLASTICISED PVC pipes conforming to IS 16098:2013 with latest amendments ended with integral sockets with ISI mark and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading and unloading at both estinations and cuts of pipes wherever necessary including jointing of UPVC pipes (with cost of elastomeric sealing rings) and specials (excluding cost of specials) with jointing of approved type, with all labour, lead & lifts, including encasing the pipes alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (contractor will make his own arrangements for procuring water for testing) etc. for: Pipes of SN4, 160mm dia.	m	800.0	633.60	Rupees Six Hundred Thirty Three And Paise Sixty Only

38	Providing and fixing square-mouth S.W. Gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I.cover 150x150mm size P type and with Non modular common burnt clay bricks of designation 3.5 & frame of 300x300mm size (inside) the weight of cover to be not less than 4.50kg and frame to be not less than 2.70kg as per standard design:	Each	80.0	2644.40	Rupees Two Thousand Six Hundred Forty Four And Paise Forty Only
39	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow rrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C Pan with ISI marked White solid plastic seat and lid	pan	140.0	6574.70	Rupees Six Thousand Five Hundred Seventy Four And Paise Seventy Only
40	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	Each	80.0	1269.40	Rupees One Thousand Two Hundred Sixty Nine And Paise Forty Only
41	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 g.	Nos	80.0	545.60	Rupees Five Hundred Forty Five And Paise Sixty Only
42	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931	Each	80.0	698.50	Rupees Six Hundred Ninety Eight And Paise Fifty Only
43	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	80.0	1342.00	Rupees One Thousand Three Hundred Forty Two Only
44	Providing and fixing 100 mm sand cast Iron grating for gully trap.	Each	340.0	51.70	Rupees Fifty One And Paise Seventy Only

45	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: *100mm inlet and 100mm outlet. * Hubless centrifugally cast (spun) iron epoxy coated inside and outside as per IS:15905	Nos	240.0	733.70	Rupees Seven Hundred Thirty Three And Paise Seventy Only
46	Supplying UNPLASTICISED PVC pipes conforming to IS 16098:2013 with latest amendments ended with integral sockets with ISI mark and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing of UPVC pipes (with cost of elastomeric sealing rings) and specials (excluding cost of specials) with jointing of approved type, with all labour, lead & lifts, including encasing the pipes alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (contractor will make his own arrangements for procuring water for testing) etc. for:Pipes of SN4, 160mm dia.	Mtr	400.0	633.60	Rupees Six Hundred Thirty Three And Paise Sixty Only
47	Supplying UNPLASTICISED PVC pipes conforming to IS 16098:2013 with latest amendments ended with integral sockets with ISI mark and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing of UPVC pipes (with cost of elastomeric sealing rings) and specials (excluding cost of specials) with jointing of approved type, with all labour, lead & lifts, including encasing the pipes alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (contractor will make his own arrangements for procuring water for testing) etc. for: Pipes of SN4, 250mm dia.	Mtr	200.0	1401.40	Rupees One Thousand Four Hundred One And Paise Forty Only
48	Providing and fixing Angle cock medium with wall flange made of Stainless steel with all concealed fitting arrangements & all necessary accessories complete - Class b. Premium	Each	220.0	1598.30	Rupees One Thousand Five Hundred Ninety Eight And Paise Thirty Only

49	Providing and fixing Brass full way valve gate with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	Each	40.0	603.90	Rupees Six Hundred Three And Paise Ninety Only
50	Providing and fixing Pillar cock with high neck with 265mm Extended body made of Stainless steel with all concealed fitting arrangements & all necessary accesories complete - Class a.Economy	Each	80.0	2752.20	Rupees Two Thousand Seven Hundred Fifty Two And Paise Twenty Only
51	Providing and fixing Exposed set for concealed stop cock made of Stainless steel with all concealed fitting arrangements & all necessary accessories complete - Class b.premium	Each	40.0	943.80	Rupees Nine Hundred Forty Three And Paise Eighty Only
52	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in - charge.	Each	140.0	299.20	Rupees Two Hundred Ninety Nine And Paise Twenty Only
53	Providing and fixing Bib cock Two way with wall flange made of Stainless steel with all concealed fitting arrangements & all necessary accessories complete - Class a.premium	Each	140.0	3643.20	Rupees Three Thousand Six Hundred Forty Three And Paise Twenty Only
54	Providing and fixing Stainlees steel kitchen sink as per ISI 304-(18/8) kitchen sink as per IS - 13983 with CI brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required without drain board 610 x 460 mm bowl depth 200 mm.	Each	80.0	3124.00	Rupees Three Thousand One Hundred Twenty Four Only
55	Providing and fixing PVC waste pipe for sink or wash basin including PVC waste fittings compete Semi reigid pipe 40mm dia	Each	100.0	101.20	Rupees One Hundred One And Paise Twenty Only
56	White Vitress China Wash basin size 550 x 400mm with single 15 mm C.P. brass pillar trap	Each	20.0	3152.60	Rupees Three Thousand One Hundred Fifty Two And Paise Sixty Only

57	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	Ltr	40000.0	9.90	Rupees Nine And Paise Ninety Only
58	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall)	Mtr	200.0	266.20	Rupees Two Hundred Sixty Six And Paise Twenty Only
59	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall)	Mtr	200.0	349.80	Rupees Three Hundred Forty Nine And Paise Eighty Only
60	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall)	Mtr	200.0	440.00	Rupees Four Hundred Forty Only
61	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr. spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete (Concealed work including cutting chases and making good walls)	Mtr	800.0	339.90	Rupees Three Hundred Thirty Nine And Paise Ninety Only
62	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr. spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete (Concealed work including cutting	Mtr	400.0	416.90	Rupees Four Hundred Sixteen And Paise Ninety Only

	chases and making good walls) b) 20 mm nominal OD Pipes				
63	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr. spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete (Concealed work including cutting chases and making good walls) c) 25 mm nominal OD Pipes	Mtr	600.0	524.70	Rupees Five Hundred Twenty Four And Paise Seventy Only
64	Providing, Single Phase Submersible Pump Sets of 100mm dia (4 inch) suitable for bore well confirming to IS 8034-2000 specifications, to work site with testing of as per instructions of engineer incharge of work and latest amendments etc Complete 2.00 HP/1.5KW 13.8.1 6 STG	Nos	20.0	16510.00	Rupees Sixteen Thousand Five Hundred Ten Only
65	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7 tanks treatment with 16 SWG	Sqc ms	18000.0	0.43	Rupees And Paise Forty Three Only
66	Supplying and fixing Electronic Trivector Meter (ETV) suitable for operation LT operation and -CT operated meter in polycarbonate body in class 0.5 accuracy as per IS 14697 and completely wired.	Each	20.0	4390.00	Rupees Four Thousand Three Hundred Ninety Only
67	DISTRIBUTION BOARDS -Supplying and fixing regular MCB distribution boards on wall/wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.6 Way TP &N	Each	20.0	4940.00	Rupees Four Thousand Nine Hundred Forty Only
68	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiringas required confirming to IEC 60898 6-32 A DP	Each	160.0	739.00	Rupees Seven Hundred Thirty Nine Only
69	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/450V upto 300mA sensitivity on existing wood/ panel board.16A-25A 2 pole	Each	20.0	4277.00	Rupees Four Thousand Two Hundred Seventy

					Seven Only
70	PVC Conduits Open Conduit System - Supplying heavy gauge PVC conduit pipe …….dia confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.	m	500.0	69.00	Rupees Sixty Nine Only
71	PVC Conduits Open Conduit System - Supplying heavy gauge PVC conduit pipe …….dia confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.(P-2/It.No:1.1.2 Vol-6 Pwd Ele SR 2 23-24 b) 25 mm dia. 2 mm thick	m	200.0	81.00	Rupees Eighty One Only
72	Concealed Conduit System - Supplying heavy PVC condiuit pipe ……mm dia - thick confirming to IS 2509 woth suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary a) 19/ 20mm dia. 2 mm thick -	m	1100.0	66.00	Rupees Sixty Six Only
73	Concealed Conduit System - Supplying heavy PVC condiuit pipe ……mm dia - thick confirming to IS 2509 woth suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary b) 25mm dia. 2 mm thick (p	m	200.0	78.00	Rupees Seventy Eight Only
74	POINT WIRING, SUB MAINS, CKTS MAINS & POWER RECEPTACLES - Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated	Point	40.0	285.00	Rupees Two Hundred Eighty Five Only

	with sufficient loose length in a wood/PVC round block. complete for each outlet.				
75	POINT WIRING, SUB MAINS, CKTS MAINS & POWER RECEPTACLES - Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. (b) Medium point above 3mtr up to 6Mtr from tapping point to out let via switch	Point	40.0	394.00	Rupees Three Hundred Ninety Four Only
76	POINT WIRING, SUB MAINS, CKTS MAINS & POWER RECEPTACLES - Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. c) Above 6Mtr up to 10Mtr from tapping point to out let via switch	Point	480.0	570.00	Rupees Five Hundred Seventy Only
77	CIRCUIT MAINS -Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990. 3C X 1.5Sq.mm	Mtr	800.0	72.00	Rupees Seventy Two Only
78	CIRCUIT MAINS -Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990. 3C X 2.5 sqmm	Mtr	3900.0	113.00	Rupees One Hundred Thirteen Only
79	CIRCUIT MAINS -Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990. 3C X 1.5Sq.mm c) 4 sqmm	Mtr	7020.0	172.00	Rupees One Hundred Seventy Two Only

80	Supplying and fixing of modular switch/ socket/ stepped electronic fan regulator/ dimmer/ telephone socket etc. on existing modular switch plate. IS:3854 and IS:1293	Each	520.0	102.00	Rupees One Hundred Two Only
81	Supplying and fixing of modular switch/ socket/ stepped electronic fan regulator/ dimmer/ telephone socket etc. on existing modular switch plate. IS:3854 and IS:1293b) 6 Amps 3 way socket .	Each	20.0	171.00	Rupees One Hundred Seventy One Only
82	Supplying and fixing of modular switch/ socket/ stepped electronic fan regulator/ dimmer/ telephone socket etc. on existing modular switch plate. IS:3854 and IS:1293 c) Stepped Fan Regulator.	Each	20.0	357.00	Rupees Three Hundred Fifty Seven Only
83	Supplying and fixing of modular switch/ socket/ stepped electronic fan regulator/ dimmer/ telephone socket etc. on existing modular switch plate. IS:3854 and IS:1293d) RJ45/ I.O. outlet	Each	60.0	337.00	Rupees Three Hundred Thirty Seven Only
84	Supplying and flush mounting powder coated metal / galvanised metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/ Stone/ CC walla) 1-2 Way .	Each	60.0	138.00	Rupees One Hundred Thirty Eight Only
85	Supplying and flush mounting powder coated metal / galvanised metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/ Stone/ CC wall b) 8 Way	Each	60.0	216.00	Rupees Two Hundred Sixteen Only
86	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc. complete on the existing metal/ PVC box a) 1 to 2 Module	Each	60.0	137.00	Rupees One Hundred Thirty Seven Only
87	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc. complete on the existing metal/ PVC boxb) 8 Moudule	Each	60.0	381.00	Rupees Three Hundred Eighty One Only
88	Supplying & fixing retrofit type -PL- LED Lamp .....W LED linear source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any	Each	400.0	623.00	Rupees Six Hundred Twenty Three Only

	manufacturing defect working under standard electrical condition. 8-9 Watts				
89	Supply of round/square recess/surface mounted rolling type LED Down light with .....W GU 10 LED Lamp Rib Fabricated from Die cast aluminium with white powder coated prewired to mains connector & has swiveling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing efect working under standard electrical condition. LED square or round down light 15-18W	Each	40.0	1324.00	Rupees One Thousand Three Hundred Twenty Four Only
90	Supplying exhaust fan of 1440 RPM of 300 mm (12') size with bracket blades complete for light duty suitable to operate on 230V, 50Hz, AC Supply	Each	80.0	1492.00	Rupees One Thousand Four Hundred Ninety Two Only
91	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies for operation on 230 Volts, 50 Cycles. Single phase AC supply conforming to ISS:374-1979 and with double ball bearing system - 48" Sweep (1200mm)	Each	20.0	2984.00	Rupees Two Thousand Nine Hundred Eighty Four Only
92	Fixing all types and all capacities of fluorescent / False ceiling/ spot light / CFL/ LED fittings indoor on the wall/ ceiling/ rafters/ girders using 23/0.0076' twin twisted PVC insulated wires, required nos. of round blocks and clamps on wall/ ceiling/ rafter/ girders	Each	460.0	122.00	Rupees One Hundred Twenty Two Only
93	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5 amps. Ceiling rose with sufficient length of 23/0.0076 inch PVC insulated twin core wire	Each	80.0	492.00	Rupees Four Hundred Ninety Two Only
94	Fixing a ceiling/ Wall mounted fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing 5 amps, ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring	Each	20.0	171.00	Rupees One Hundred Seventy One Only

95	Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia.	Job	20.0	3510.00	Rupees Three Thousand Five Hundred Ten Only
96	Approvals/ Charges towards filing application, following & obtaining approval of drawings/ scheme by BWSSB and all agencies, obtaining clearance from BWSSB Engineers for the installation & arranging servicing of theconnection before handing over of the project as agreed for BWSSB works.	Nos	20.0	52000.00	Rupees Fifty Two Thousand Only
97	Providing and fixing 15mm thick 3D Acrylic Name Board for EZEE Public Toilet both in English and Kannada Letters including separate signs for men, women, handicaped and Transgender toilete rooms as per approval drawings.	Nos	20.0	49000.00	Rupees Forty Nine Thousand Only
98	Providing and Fixing L Shaped Grab bar for Toilets	Nos	20.0	1200.00	Rupees One Thousand Two Hundred Only
99	Concrete core extraction without Profometer test	Each	260.0	1000.00	Rupees One Thousand Only
100	Supplying & fixing Composite fibre Reinforced Polymer (fRP) utility cover conforming to IS 12592:2002 with sufficient load bearing capacity as per technical specifications. Light Duty Square 600x600 mm with load bearing capacity upto 5	Each	20.0	3300.00	Rupees Three Thousand Three Hundred Only
	Approvals/ Charges towards filing application, following & obtaining approval of drawings/ scheme by EB/ Electrical Inspectorates/ all agencies, obtaining clearance from Electrical Inspectorates for the installation & arranging servicing of the installation before handing over of the project as agreed for electrical works.	LS	20.0	2000	Four lakhs only

101	Supply Installation, Testing and commissioning of pole/wall mounted 2 MP out door IP day night Veri-Focal Bullet camera made out of Hard plastic body confirming to IP67 weather proofing with CMOS 1.0 inch image sensor image resolution HD 1920x1080 pixels veri lense, IR range of 30 mtr or more, auto zoom and auto exposure,,focal length of 2.8 to 12 at 25 fps frame rate,Dual compressed video streeming suitable to operate on 12 volt DC, POE supply at -25 degree to 50 centigrade temperature with 95% relative humidity along with necessery fixing materials etc complete (Hikvission model DS-2CD1641FWD-I OR Equivelent)(GEM-1-5116877-41803742350)	Each	18.0	12419.96	Rupees Twelve Thousand Four Hundred Nineteen And Paise Ninety Six Only
102	Supply ,Installation, Testing and commissioning of Rack mounted Four channel Network Video Recorder (NVR) made out of Alluminium body confirming to IP66 weather proofingsupporting IP.PTZ image resolution HD 1280x1080 pixels, Recording speed of at 25 fps frame rate or more, Having HDMI,VGA,Bluetooth interface facility, Multi playback options, SATA1 HDD recording support and suitable to operate on 230 volt,50 hzs AC, supply at 10 degree to + 50 centigrade temperature along with necessery fixing materials etc complete (Hikvission model DS-7P32NI-K4 OR Equivelent)(GEM-1-5116877-61817249881)	Each	6.0	12348.37	Rupees Twelve Thousand Three Hundred Forty Eight And Paise Thirty Seven Only
103	Supply Installation Testing and commissioning of Rack mounted four channel Power Over Ethernet(POE) Ethernet network managed Switch with 2 SFP made out of Alluminium body confirming to IP66 weather proofing at -10 degree to . 50 centigrade temperature along with necessery fixing materials etc complete (Netgear GS724TP OR Equivelent)(GEM-1-5116877-93984152022	Each	6.0	5610.73	Rupees Five Thousand Six Hundred Ten And Paise Seventy Three Only
104	Supply Installation, Testing and commissioning of Rack mounted Ten Terrabyte (4 TB) 7200 rpm SATA1 hard disk drive (HDD) along with necessery fixing materials etc complete (Western Digital WD WD40PURZ OR Equivelent) (GEM-1-5116877-77514303873)	Each	6.0	13400.21	Rupees Thirteen Thousand Four Hundred And Paise Twenty One Only
105	Supply Installation, Testing and commissioning of Rack mounted 12 volt Dc8 amps, 8 channel CCTV camera power supply unit with over voltage, short circuit and surge protection suiteble to operate on 230 volt 50 Hzs AC supply(GEM-I-5116877- 12055192319)	Each	6.0	1261.64	Rupees One Thousand Two Hundred Sixty One And Paise Sixty Four Only

106	Supply and fixing LC/PC TO LC/PC Single mode Simplex patch cord 1 Mtr ngth(GEM-I-5116877-28079315215)	Each	18.0	308.70	Rupees Three Hundred Eight And Paise Seventy Only
107	Supply and fixing SC to SC Fiber patch cord 3 Mtr Length(GEM-I-5116877-36000691868)	Each	18.0	350.90	Rupees Three Hundred Fifty And Paise Ninety Only
108	supply and fixing of 24f opticle fibre cable splice clouser for for overhead transmission using necessery clamps bolts etc complete (GEM-I-5116877-33009245291)	Each	6.0	1133.20	Rupees One Thousand One Hundred Thirty Three And Paise Twenty Only
109	Supply Installation, Testing and commissioning of indoor 47-63 Hz frequency, 25 KA, class B type 1 two port SPD lightning surge protector confirming to IP20 on existing board using necessery screws, wires etc complete. (GEM Item code-5116877- 74097293402)	Each	6.0	12630.50	Rupees Twelve Thousand Six Hundred Thirty And Paise Fifty Only
110	Supply and drawing 3+1 PVC insulated Shielded 0.4 mm dia copper cable confirming to TEC specifications G/W1R06/02 2 pair cable for CCTV system in existing pipe, duct using necessary clamps bolts etc complete IGEM-I-5116877-227248947840	Mtr	390.0	54.50	Rupees Fifty Four And Paise Fifty Only
111	Supply and drawing 6F Armoured Optical Fiber cable in Existing pipe, Duct using necessary clamps bolts etc complete (GEM-I-5116877-70580514194)	Mtr	330.0	69.10	Rupees Sixty Nine And Paise Ten Only
112	Supplying, erecting, testing & commissioning of OFF- LINE UPS system suitable for operation on 230V, 50Hz, A/C supply, with all accessories complete and Excluding batteries and wiring complete. 3 kVA OFF LINE UPS(Pg.no-38 I.no-9.2.4 Of Vol-6 Ele SR-2023-24)	Each	6.0	29142.00	Rupees Twenty Nine Thousand One Hundred Forty Two Only
113	Supplying, installation, testing & commissioning of 12V ..AH batteries in poly propylene container for D.G. sets. Low maintenance batteries, plate type. 120 AH capacity(Pg.no-38 I.no-9.4.5 Of Vol-6 Ele SR-2023-24)	Each	6.0	23331.00	Rupees Twenty Three Thousand Three Hundred Thirty One Only

114	Approvals/ Charges towards filing application, following & obtaining approval of drawings/ scheme by EB/ Electrical Inspectorates/ all agencies, obtaining clearance from Electrical Inspectorates for the installation & arranging servicing of the installation before handing over of the project as agreed for electrical works.	Nos	20.0	20000.00	Rupees Twenty Thousand Only
115	Operation and Maintenance of Toilet block for a period of 1 years as per detailed specifications for O&M mentioned in Vol-3 of the bid document a sper direction of the Engineer in Charge. (The estimated rates shown in per toilet/month)+ (01 yearsx12 Months)	LS	20.00	55000.00	Ruppes Fifty Five thousand only

Note:

(1) Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities (refer: ITB Clause 11.2 and CC Clause 37.2).

(2) Unit rates and prices shall be quoted by the Tenderer in Indian Rupees.

(3) GST shall be paid separately.

SECTION 10: FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT

To……*[name of Employer]*
……*[address of Employer]*

WHEREAS …….. *[name and address of Contractor]* (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. …….. dated……to execute ……..*[name of Contract and brief description of Works]* (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rs. ……..*[amount of guarantee]* [15]_Rupees *[in words]*, and we undertake
to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of ……*[amount of guarantee]*[16] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 30 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor _____
Name of Bank _____
Address _____
Date _____